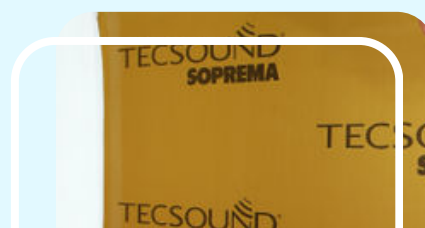


# PRODUCT CATALOGUE



# Rockinsul LRB Mattress

## Range

- Density : 70 to 160 kg/m<sup>3</sup>
- Thickness : 25 to 100 mm
- Width : 1.22 m
- Length : 1.52 to 5 m

## Facings

- GI Wire Mesh
- SS Wire Mesh

## Benefits:

- High density
- Semi-flexible mat
- Low binder
- Customised length



Parameter	Values	Standards
Thermal Conductivity (W/m.K)	0.059 at 200°C mean temperature	IS 8183
Thermal Resistance (m <sup>2</sup> K/W)	Calculated as per thickness and thermal conductivity of insulation	

Parameter	Values	Standards
Non-combustibility	Non-combustible / Incombustible	BS 476 Part 4, IS 8183
Surface Burning Characteristics : Flame Spread Index	≤ 25	ASTM E84, UL 723
Surface Burning Characteristics : Smoke Developed Index	≤ 50	ASTM E84, UL 723
Water Vapour Sorption	Less than 5% by volume	ASTM C1104, ASTM C1104M
Water Absorption (Kg/m <sup>2</sup> )	Less than 0.5	BS 2972 Part 11
Shot content	< 25%	IS 3144, IS 8183
Sulphur / Chloride	Chloride : less than 20 ppm Sulphur content : less than 0.2%	IS 3144, IS 8183
Mold growth	No fungal growth	IS 3144, IS 8183
Alkalinity	7 to 10	IS 8183

Environment	Fire	Health Safety
		

Applications:



BUILDINGS



HVAC



AUTOMOBILE

# Rockinsul RB Slabs

## Range

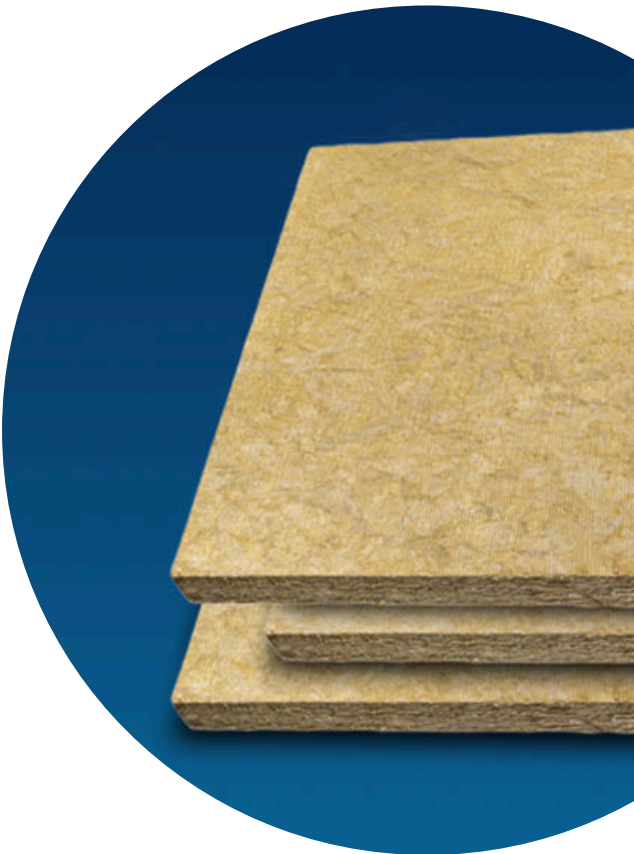
- Density : 40 to 180 kg/m<sup>3</sup>
- Thickness : 25 to 150 mm
- Width : 0.6m
- Length : 0.6 to 1.2 m

## Facings

- Aluminium : FSK, Aluglass
- Tissue : BGT / Black Glass Fabric






## Benefits:

- Rigid/semi-rigid
- Strong
- Easy to Handle
- Dimensional Stability




Parameter	Values	Standards
Thermal Conductivity (W/m.K)	0.059 to 0.074 at 200°C mean temperature	IS 8183
Thermal Resistance (m <sup>2</sup> K/W)	Calculated as per thickness and thermal conductivity of insulation	

Parameter	Values	Standards
Non-combustibility	Non-combustible / Incombustible	BS 476 Part 4, IS 8183
Surface Burning Characteristics : Flame Spread Index	≤ 25	ASTM E84, UL 723
Surface Burning Characteristics : Smoke Developed Index	≤ 50	ASTM E84, UL 723
Water Vapour Sorption (kg/m <sup>2</sup> )	Less than 5% by volume	ASTM C1104, ASTM C1104M
Water Absorption (kg/m <sup>2</sup> )	Less than 0.5	BS 2972 Part 11
Shot content	< 25%	IS 3144, IS 8183
Sulphur / Chloride	Chloride : less than 20 ppm Sulphur content : less than 0.2%	IS 3144, IS 8183
Mold growth	No fungal growth	IS 3144, IS 8183
Alkalinity	7 to 10	IS8183

Environment	Fire	Health Safety
		
		

### Applications:



BUILDINGS



AUTOMOBILE

# Rockinsul Pipe Section

## Range

- Density :100 to 160 kg/m<sup>3</sup>
- Thickness : 25 to 100 mm
- Diameter : 15 to 600 mm (NB)
- Length : 1.2 to 1.25 m

## Facings

- Unfaced / plain
- Aluminium : FSK

## Benefits:

- Pre-Formed Pipe Section
- Ease of Installation
- Good compressive strength



Parameter	Values	Standards
Thermal Conductivity (W/m.K)	0.065 at 200°C mean temperature	IS 9842 / ASTM C 547
Thermal Resistance (m <sup>2</sup> K/W)	Calculated as per thickness and thermal conductivity of insulation	

Parameter	Values	Standards
Non-combustibility	Non-combustible / Incombustible	BS 476 Part 4, IS 9842
Surface Burning Characteristics : Flame Spread Index	≤ 25	ASTM E84
Surface Burning Characteristics : Smoke Developed Index	≤ 50	ASTM E84
Water Vapour Sorption	Less than 5% by volume	ASTM C1104, ASTM C1104M, BS 2972
Water Absorption (kg/m <sup>2</sup> )	Less than 0.5	BS 2972 Part 11
Shot content	< 25%	IS 9842
Sulphur / Chloride	Chloride : less than 20 ppm Sulphur content : less than 0.2%	IS 9842
Mold growth	No fungal growth	IS 9842
Alkalinity	7 to 10	IS 9842

Environment	Health Safety
	

### Applications:



BUILDINGS



HVAC



AUTOMOBILE



HOME APPLIANCES

# Rockinsul Tuffinsul Slab

## Benefits:

- Superior rigidity
- High Compressive Strength

## Facings

- Unfaced / plain

## Range:

- Density : 80 to 150 kg/m<sup>3</sup>
- Thickness : 50 to 100 mm
- Width : 0.6 m
- Length : 1 to 1.2 m



Parameter	Values	Standards
Thermal Conductivity (W/m.K)	0.034 at 25°C mean temperature	IS 8183, ASTM C 177
Thermal Resistance (m <sup>2</sup> K/W)	Calculated as per thickness and thermal conductivity of insulation	

Parameter	Values	Standards
Non-combustibility	Non-combustible / Incombustible	BS 476 Part 4, IS 9842
Surface Burning Characteristics : Flame Spread Index	≤ 25	ASTM E84
Surface Burning Characteristics : Smoke Developed Index	≤ 50	ASTM E84
Water Vapour Sorption	Less than 5% by volume	ASTM C1104, ASTM C1104M, BS 2972
Water Absorption (kg/m <sup>2</sup> )	Less than 0.5	BS 2972 Part 11
Shot content	< 25%	IS 3144, IS 8183
Sulphur / Chloride	Chloride : less than 20 ppm Sulphur content : less than 0.2%	IS 3144, IS 8183
Mold growth	No fungal growth	IS 3144, IS 8183
Alkalinity	7 to 10	IS 8183

Environment



Health Safety



## Applications:



BUILDINGS

# Rockinsul Tuffinsul Lamela Bat

## Range:

- Density : 80 to 150 kg/m<sup>3</sup>
- Thickness : 25 to 110 mm
- Width : 100 to 110 mm
- Length : 1 to 1.2 m

## Facings

- Unfaced / plain



Parameter	Values	Standards
Thermal Conductivity (W/m.K)	0.038 at 25°C mean temperature	IS 8183, ASTM C 177
Thermal Resistance (m <sup>2</sup> K/W)	Calculated as per thickness and thermal conductivity of insulation	

Parameter	Values	Standards
Non-combustibility	Non-combustible / Incombustible	BS 476 Part 4, IS 9842
Surface Burning Characteristics : Flame Spread Index	≤ 25	ASTM E84
Surface Burning Characteristics : Smoke Developed Index	≤ 50	ASTM E84
Water Vapour Sorption	Less than 5% by volume	ASTM C1104, ASTM C1104M, BS 2972
Water Absorption (kg/m <sup>2</sup> )	Less than 0.5	BS 2972 Part 11
Shot content	< 25%	IS 3144, IS 8183
Sulphur / Chloride	Chloride : less than 20 ppm Sulphur content : less than 0.2%	IS 3144, IS 8183
Mold growth	No fungal growth	IS 3144, IS 8183
Alkalinity	7 to 10	IS 8183

Environment



Health Safety



## Applications:



BUILDINGS

# Rockinsul Building Roll

## Range

- Density : 40 to 100 kg/m<sup>3</sup>
- Thickness : 50 to 100 mm
- Width : 1.1 to 1.2 m
- Length : 5 to 10 m

Available with or without facing





## Facings

- Aluminium : FSK, Alu Glass




Parameter	Values	Standards
Thermal Conductivity (W/m.K)	0.0345 at 25°C mean temperature	IS 8183, ASTM C 177
Thermal Resistance (m <sup>2</sup> K/W)	Calculated as per thickness and thermal conductivity of insulation	

Parameter	Values	Standards
Non-combustibility	Non-combustible / Incombustible	BS 476 Part 4, IS 9842
Surface Burning Characteristics : Flame Spread Index	≤ 25	ASTM E84, UL 723
Surface Burning Characteristics : Smoke Developed Index	≤ 50	ASTM E84, UL 723
Water Vapour Sorption	Less than 5% by volume	ASTM C1104, ASTM C1104M, BS 2972
Water Absorption (kg/m <sup>2</sup> )	Less than 0.5	BS 2972 Part 11
Shot content	< 25%	IS 3144, IS 8183
Sulphur / Chloride	Chloride : less than 20 ppm Sulphur content : less than 0.2%	IS 3144, IS 8183
Mold growth	No fungal growth	IS 3144, IS 8183
Alkalinity	7 to 10	IS 8183

Environment	Fire	Health Safety
		
		

Applications:



BUILDINGS

# Rockinsul Loose Wool

## Range

- Unbonded Loose Stone Wool Fibres
- No Specific Density or Thickness
- Infill Material for Complex Shapes



Parameter	Values	Standards
Thermal Conductivity (W/m.K)	0.0595 at 200°C mean temperature	ASTM C 518
Thermal Resistance (m <sup>2</sup> K/W)	Calculated as per thickness and thermal conductivity of insulation	

Parameter	Values	Standards
Non-combustibility	Non-combustible / Incombustible	BS 476 Part 4
Surface Burning Characteristics : Flame Spread Index	≤ 25	ASTM E84
Surface Burning Characteristics : Smoke Developed Index	≤ 50	ASTM E84
Water Vapour Sorption	Less than 5% by volume	ASTM C1104, ASTM C1104M, BS 2972
Water Absorption (kg/m <sup>2</sup> )	Less than 0.5	BS 2972 Part 11
Shot content	< 25%	IS 3144, IS 8183
Sulphur / Chloride	Chloride : less than 20 ppm Sulphur content : less than 0.2%	IS 3144, IS 8183
Mold growth	No fungal growth	IS 3144, IS 8183
Alkalinity	7 to 10	IS 8183

Environment



Health Safety



## Applications:



BUILDINGS



AUTOMOBILE

# COMPLETE INSULATION SOLUTIONS



📍 A/112, Sagar Tech Plaza, Andheri  
(E), Mumbai-400072,  
Maharashtra, India.

☎ Customer Service: +91 022-28520731/32

✉ [info@fibreglasswool.com](mailto:info@fibreglasswool.com)